

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 01 JUL 2005

Interr. No. 10/541414
PCT/JP 03/05922

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | ISMAEIL I ET AL: "Efficient motion estimation using spatial and temporal motion vector prediction" IMAGE PROCESSING, 1999. ICIP 99. PROCEEDINGS. 1999 INTERNATIONAL CONFERENCE ON KOBE, JAPAN 24-28 OCT. 1999, PISCATAWAY, NJ, USA, IEEE, US, 24 October 1999 (1999-10-24), pages 70-74, XP010369195 ISBN: 0-7803-5467-2 the whole document --- -/-- | 1-3, 5-14 |

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

1 March 2004

Date of mailing of the international search report

15/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Wahrenberg, A.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | <p>HAAN DE G ET AL: "AN EFFICIENT TRUE-MOTION ESTIMATOR USING CANDIDATE VECTORS FROM A PARAMETRIC MOTION MODEL" IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE INC. NEW YORK, US, vol. 8, no. 1, 1 February 1998 (1998-02-01), pages 85-91, XP000737028 ISSN: 1051-8215 the whole document</p> | 1-9, 13, 14 |
| X | <p>WITTEBROOD R B ET AL: "REAL-TIME RECURSIVE MOTION SEGMENTATION OF VIDEO DATA ON A PROGRAMMABLE DEVICE" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE INC. NEW YORK, US, vol. 47, no. 3, 31 August 2001 (2001-08-31), pages 559-567, XP002263797 ISSN: 0098-3063 the whole document</p> | 1-3, 5-9, 13, 14 |
| A | | 10-12 |
| X | <p>HAAN DE G ET AL: "TRUE-MOTION ESTIMATION WITH 3-D RECURSIVE SEARCH BLOCK MATCHING" IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE INC. NEW YORK, US, vol. 3, no. 5, 1 October 1993 (1993-10-01), pages 368-379, XP000414663 ISSN: 1051-8215 the whole document</p> | 1-3, 5-9, 13, 14 |
| A | <p>YEN-KUANG CHEN ET AL: "A feature tracking algorithm using neighborhood relaxation with multi-candidate pre-screening" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP) LAUSANNE, SEPT. 16 - 19, 1996, NEW YORK, IEEE, US, vol. 1, 16 September 1996 (1996-09-16), pages 513-516, XP010202707 ISBN: 0-7803-3259-8 paragraph '02.3!</p> | 1, 10, 11 |

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| P,X | <p>BERIC A ET AL: "A technique for reducing complexity of recursive motion estimation algorithms"</p> <p>2003 IEEE WORKSHOP ON SIGNAL PROCESSING SYSTEMS (IEEE CAT. NO.03TH8682), 2003 IEEE WORKSHOP ON SIGNAL PROCESSING SYSTEMS, SEOUL, SOUTH KOREA, 27-29 AUG. 2003, pages 195-200, XP010661014</p> <p>2003, Piscataway, NJ, USA, IEEE, USA</p> <p>ISBN: 0-7803-7795-8</p> <p>the whole document</p> <p>-----</p> | 1-14 |